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pumping and withdrawing pumping water from a selected sample receiver, sliding the piston from the sample water opening end to the pumping water opening end, and drawing sample water through the sample water intake line into the selected sample receiver for collecting a sample.

20. The method of claim 19 comprising locating the piston of said at least one cleaning liquid container at the pumping water opening end with the container filled with cleaning liquid before the sample collecting steps, pumping and backfilling the cleaning liquid container with pumping water, sliding the piston from the pumping water opening end to the cleaning liquid opening end, pumping and pushing cleaning liquid out the

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sample water intake line, and washing away befouling material.

21. The method of claim 20 comprising:  
providing a flushing liquid container in the same configuration as the cleaning liquid container;  
locating the piston of the flushing liquid container at the pumping water opening end with the container filled with distilled water;

pumping and backfilling the flushing liquid container with pumping water, sliding the piston from the pumping water opening end to the flushing liquid opening end, pumping and pushing distilled water out the sample water intake line, and flushing away cleaning liquid.

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